

Title (en)

Fluid pressure cylinder with a slidable sensor for detecting the piston position

Title (de)

Druckmittelzylinder mit einem verschiebbaren Sensor zur Detektion der Kolbenstellung

Title (fr)

Vérin avec un capteur coulissant pour détecter la position du piston

Publication

EP 1255045 A3 20040225 (DE)

Application

EP 02009289 A 20020429

Priority

- DE 10121190 A 20010430
- DE 10152178 A 20011023

Abstract (en)

[origin: EP1255045A2] The device has a cylinder tube (1) closed by a base (4) and top (3) with a piston subjected to pressurized medium on at least one side, a piston rod (2) and at least one sensor (8a,b) for detecting the piston rod position movable mounted on the cylinder tube. At least one axis-parallel closed channel (7) is provided for mounting the sensor in the wall region of the non-magnetic cylinder tube in a sealed manner.

IPC 1-7

F15B 15/28

IPC 8 full level

F15B 15/28 (2006.01)

CPC (source: EP)

F15B 15/2892 (2013.01)

Citation (search report)

- [DA] DE 19716736 A1 19981015 - MANNESMANN AG [DE]
- [A] EP 0985831 A2 20000315 - FESTO AG & CO [DE]
- [E] DE 10210636 C1 20030522 - IMI NORGREN GMBH [DE]

Cited by

DE102015000546A1; DE102013011667A1; CN111237289A; DE102007029628B3; EP2009292A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1255045 A2 20021106; EP 1255045 A3 20040225; EP 1255045 B1 20050824

DOCDB simple family (application)

EP 02009289 A 20020429